OPINIONS AND DECLARATIONS RENDERED BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

FRANCIS HEMMING, C.M.G., C.B.E. Secretary to the Commission

VOLUME 12. Part 26. Pp. 457-470

DIRECTION 54

Addition to the Official List of Family-Group Names in Zoology, or, as the case may be, to the Official Index of Rejected and Invalid Family-Group Names in Zoology of the family-group names involved in the cases dealt with in Volume 12 of the Opinions and Declarations rendered by the International Commission on Zoological Nomenclature, other than family-group names already dealt with in those Opinions

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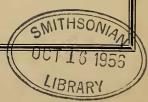
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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE **RULING GIVEN IN DIRECTION 54**

The Officers of the Commission

Honorary Life President: Dr. Karl JORDAN (British Museum (Natural History), Zoological Museum, Tring, Herts., England)

President: Professor James Chester Bradley (Cornell University, Ithaca, N.Y., U.S.A.) (12th August 1953)

Vice-President: Senhor Dr. Afranio do AMARAL (Sao Paulo, Brazil) (12th August 1953) Secretary: Mr. Francis Hemming (London, England) (27th July 1948)

R. The Members of the Commission

(Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology)

Professor H. Boschma (Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands) (1st January 1947)
Senor Dr. Angel Cabrera (La Plata, Argentina) (27th July 1948)
Mr. Francis Hemming (London, England) (27th July 1948) (Secretary)
Dr. Henning Lemche (Universitetets Zoologiske Museum, Copenhagen, Denmark) (27th

Dr. Henning Lemche (Universitetets Zoologiske Museum, Copenhagen, Denmark) (27th July 1948)
Professor Teiso Esaki (Kyushu University, Fukuoka, Japan) (17th April 1950)
Professor Pierre Bonnet (Université de Toulouse, France) (9th June 1950)
Mr. Norman Denbigh Riley (British Museum (Natural History), London) (9th June 1950)
Professor Tadeusz Jaczewski (Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland) (15th June 1950)
Professor Robert Mertens (Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt a.M., Germany) (5th July 1950)
Professor Erich Martin Hering (Zoologisches Museum der Humboldt-Universität zu Berlin, Germany) (5th July 1950)
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Professor Harold E. Vokes (Johns Hopkins University, Baltimore, Maryland, U.S.A.) (12th August 1953)

August 1953)

August 1933)
Professor Béla Hankó (Mezőgazdasági Muzeum, Budapest, Hungary) (12th August 1953)
Dr. Norman R. Stoll (Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.) (12th August 1953)
Mr. P. C. Sylvester-Bradley (Sheffield University, Sheffield, England) (12th August 1953)
Dr. L. B. Holthuis (Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands) (12th August 1953)

Dr. K. H. L. Key (Commonwealth Scientific and Industrial Research Organisation, Canberra, A.C.T., Australia) (15th October 1954)

Dr. Alden H. Miller (Museum of Vertebrate Zoology, University of California, U.S.A.) (29th October 1954)

Doc. Dr. Ferninand Prantl (Národni Museum V Praze, Prague, Czechoslovakia) (30th October 1954)
Professor Dr. Wilhelm Kühnelt (Zoologisches Institut der Universität, Vienna, Austria)
(6th November 1954)

Professor F. S. Bodenheimer (The Hebrew University, Jerusalem, Israel) (11th November

1954)

Professor Ernst Mayr (Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.) (4th December 1954)
Professor Enrico Tortonese (Museo di Storia Naturale "G. Doria", Genova, Italy) (16th December 1954)

DIRECTION 54

ADDITION TO THE "OFFICIAL LIST OF FAMILY-GROUP NAMES IN ZOOLOGY" OR, AS THE CASE MAY BE, TO THE "OFFICIAL INDEX OF REJECTED AND INVALID FAMILY-GROUP NAMES IN ZOOLOGY" OF THE FAMILY-GROUP NAMES INVOLVED IN THE CASES DEALT WITH IN VOLUME 12 OF THE "OPINIONS AND DECLARATIONS RENDERED BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE", OTHER THAN FAMILY-GROUP NAMES ALREADY DEALT WITH IN THOSE "OPINIONS"

RULING:—(1) The under-mentioned family-group names involved in the cases dealt with in the *Opinions* included in Volume 12 of *Opinions and Declarations* rendered by the International Commission on Zoological Nomenclature are hereby placed on the Official List of Family-Group Names in Zoology with the Name Numbers severally specified below:—

- (a) SICYONIINAE (correction of SICYONINAE) Ortmann, 1898 (type genus: Sicyonia Milne Edwards (H.), 1830) (Class Crustacea, Order Decapoda) (Opinion 382) (Name No. 116);
- (b) HELICONIIDAE (correction of HELICONIDAE) Swainson, 1827 (type genus: *Heliconius* Kluk, 1802) (Class Insecta, Order Lepidoptera) (*Opinion* 382) (Name No. 117);

- (c) PYRAMIDELLIDAE Gray (J.E.), 1840 (type genus: *Pyramidella* Lamarck, 1799) (Class Gastropoda) (*Opinion* 386) (Name No. 118);
- (d) DASYPELTINAE Cope, 1886 (type genus: Dasypeltis Wagler, 1830) (Class Reptilia) (Opinion 387) (Name No. 119);
- (e) SANDBERGEROCERATINAE Miller (A.K.), 1938 (type genus: Sandbergeroceras Hyatt, 1884) (Class Cephalopoda, Order Ammonoidea) (Opinion 392) (Name No. 120);
- (f) MELLITINAE Stefanini, 1911 (type genus: Mellita Agassiz (J.L.R.), 1841) (Class Echinoidea) (Opinion 393) (Name No. 121);
- (g) LACHNINAE Passerini, 1863 (type genus: Lachnus Burmeister, 1835) (Class Insecta, Order Hemiptera) (Opinion 399) (Name No. 122);
- (h) CINARINI Börner, 1930 (type genus: Cinara Curtis, 1835) (Class Insecta, Order Hemiptera) (Opinion 399) (Name No. 123);
- (i) MELANARGIINAE Verity, 1920 (type genus: Melanargia Meigen, 1828) (Class Insecta, Order Lepidoptera) (Opinion 400) (Name No. 124).
- (2) The under-mentioned family-group names are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Numbers severally specified below:—
 - (a) SICYONINAE Ortmann, 1898 (type genus: Sicyonia Milne Edwards (H.), 1830) (an Invalid Original Spelling for SICYONIINAE) (Class Crustacea, Order Decapoda) (Opinion 382) (Name No. 101);
 - (b) EUSICYONINAE Burkenroad, 1934 (type genus: Eusicyonia Stebbing, 1914) (a junior objective synonym of SICYONIINAE (correction of SICYONINAE) Ortmann, 1898, because the respective type genera have the same nominal

- species as type species) (Class Crustacea, Order Decapoda) (Opinion 382) (Name No. 102);
- (c) HELICONIDAE Swainson, 1827 (type genus: Heliconius Kluk, 1802) (an Invalid Original Spelling for HELICONIDAE) (Class Insecta, Order Lepidoptera) (Opinion 282) (Name No. 103);
- (d) PLOTIIDAE Forcart (L.), 1951 (type genus: *Plotia* Röding, 1798) (invalid (i) because published for a purpose other than for use in zoological nomenclature and (ii) under *Declaration* 20 because the name of the type genus has been suppressed under the Plenary Powers) (Class Gastropoda) (*Opinion* 386) (Name No. 104);
- (e) AGAPETINAE Verity, 1953 (type genus: Agapetes Billberg, 1820) (invalid (i) because a junior objective synonym of MELANARGIINAE Verity, 1920, the respective type genera having the same nominal species as type species, and (ii) because the name of the type genus has been suppressed under the Plenary Powers) (Class Insecta, Order Lepidoptera) (Opinion 400) (Name No. 105).

I.—THE SUBJECT MATTER OF THE PRESENT "DIRECTION"

The present *Direction* contains Rulings given by the International Commission on Zoological Nomenclature on the family-group-name implications of all the cases involved in the *Opinions* included in Volume 12 of the *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature*, other than those cases where those implications were dealt with in the *Opinions* concerned, or have since been dealt with in an earlier *Direction* (*Direction* 53) included in that volume. The proposals on which the decisions given in the present *Direction* were based, which were drawn up in consultation with specialists in the groups concerned, were submitted to the Commission by

the Secretary on 16th May 1956. The paper so submitted was as follows:—

Proposed addition to the "Official List of Family-Group Names in Zoology" or, as the case may be to the "Official Index of Rejected and Invalid Family-Group Names in Zoology" of family-group names involved in the cases dealt with in Volume 12 of the "Opinions and Declarations" Series ("Opinions" 380—400)

By FRANCIS HEMMING, C.M.G., C.B.E.

(Secretary to the International Commission on Zoological Nomenclature)

The purpose of the present paper is to lay before the International Commission on Zoological Nomenclature the family-group-name problems involved in the cases dealt with in *Opinions* 380 to 400 which collectively will form volume 12 of the *Opinions and Declarations* Series and to seek decisions from the Commission in those cases where, under the General Directive issued to the Commission by the International Congress of Zoology, names required to be placed on the *Official List of Family-Group Names in Zoology* or on the *Official Index of Rejected and Invalid Family-Group Names in Zoology*.

- 2. Of the *Opinions* covered by the present paper ten have so far been published and the remaining eleven are now in the press and would have been published before now, had it not been for the delays resulting from the recent strike in the London printing trade. Of the ten *Opinions* already published the first four (*Opinions* 380—382) appeared in January 1956 and copies are already in the hands of members of the Commission; the remaining six (*Opinions* 384—389) were published on 20th April 1956 and copies are in transit to Commissioners. In order to facilitate the consideration of the proposals now submitted in connection with these six *Opinions* and also those connected with the eleven *Opinions* now in the press, particulars are given in the present paper both of the place of publication in the *Bulletin of Zoological Nomenclature* of the application concerned and the number of the Voting Paper issued in connection with it.
- 3. As on previous similar occasions consultations have been held in each case with specialists in the group concerned and the Commission is much indebted to these specialists for the assistance which they have given in supplying the necessary information and in co-operating in the preparation of the proposals now submitted. The names of the specialists who have assisted in this matter are given in the following list, together with an indication of the cases on which each has given advice:—
- J. Wyatt Durham (University of California, Department of Paleontology, Berkeley, California, U.S.A.): Mellita Agassiz (Opinion 393);

The eleven *Opinions* here referred to have since been published. *Opinions* 390—393 were published on 19th June 1956 and *Opinions* 394—400 were published on 16th July of the same year.

- L. Forcart (Museum of Natural History, Basle, Switzerland):

 Pyramidella Lamarck (Opinion 386);
- Francis Hemming (London): Heliconius Kluk (Opinion 382);
 Melanargia Meigen (Opinion 400);
- L. B. Holthuis (Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands): Sicyonia Milne Edwards (H.) (Opinion 382); Hymenocera Latreille and Conchodytes Peters (Opinion 383);
- G. H. E. Hopkins (British Museum (Natural History), The Zoological Museum, Tring, Herts, England): Chaetopsylla Kohaut, Malaraeus Jordan, and Amalaraeus Ioff (Opinion 388);
- F. C. Hottes (Grand Junction, Colorado, U.S.A.): Hyalopterus Koch (Opinion 397); Lachnus Burmeister & Cinara Curtis (Opinion 399);
- Arthur Loveridge (Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.): Dasypeltis Wagner (Opinion 387);
- A. K. Miller (State University of Iowa, Iowa City, Iowa, U.S.A.):

 Muensteroceras Hyatt (Opinion 391); Sandbergeroceras Hyatt
 (Opinion 392);
- Harald A. Rehder (Smithsonian Institution, (U.S. National Museum), Washington, D.C., U.S.A.): Pyramidella Lamarck (Opinion 386).
- 4. The family-group-name position involved in each of the *Opinions* concerned is examined in turn in the Annexe to the present paper. Proposals are submitted in the Annexe in each case where action is called for under the General Directive referred to in paragraph 1 above but has not yet been taken.

ANNEXE

- Survey of the family-group-name problems involved in the "Opinions" included in volume 12 of the "Opinions and Declarations" Series ("Opinions" 380—400) with proposals for action in compliance with the General Directive relating to the placing of family-group names on the "Official List" and "Official Index" of names of that category, where such has not already been taken
- OPINION 380 (Houttuyn's Animalium Musaei Houttuiniani Index)
 No family-group-name problems arise in connection with this Opinion.
- OPINION 381 (Suppression of two old and forgotten specific names in order to render the name *hispidus* Olivier, 1811, as published in the combination *Palaemon hispidus* the oldest available name for the species concerned)

This Opinion is concerned only with specific-name problems.

- OPINION 382 (Sicyonia Milne Edwards (H.), 1830 (Class Crustacea, Order Decapoda) and Heliconius Kluk, 1802 (Class Insecta, Order Lepidoptera))
 - (1) Action called for in respect of the Crustacea Section of this *Opinion* is as follows:—
 - (a) To be placed on the Official List:—

SICYONIINAE (correction of SICYONINAE) Ortmann, 1898, in Bronn, Klass. Ordn. Thierr. 5 (2): 1121 (type genus: Sicyonia Milne Edwards (H.), 1830)

- (b) To be placed on the Official Index:—
 - (i) SICYONINAE Ortmann, 1898 [reference as in (a) above] (an Invalid Original Spelling for SICYONIINAE)
 - (ii) EUSICYONINAE Burkenroad, 1934, Bull. amer. Mus. nat. Hist. 68: 116 (type genus: Eusicyonia Stebbing, 1914) (a junior objective synonym of SICYONIINAE Ortmann, 1898, the respective type genera having the same nominal species as type species)
- (2) Action called for in respect of the Lepidoptera Section of this *Opinion* is as follows:—
 - (a) To be placed on the Official List:—

HELICONIIDAE (correction of HELICONIDAE) Swainson, 1827, *Phil. Mag.* (n.s.) 1: 187 (type genus: *Heliconius* Kluk, 1802)

(b) To be placed on the Official Index:—

HELICONIDAE Swainson, 1827 [reference as in (a) above] (an Invalid Original Spelling for HELICONIDAE)

OPINION 383 (Hymenocera Latreille, 1819)

No family-group-name problem arises in this case.

OPINION 384 (addition of the names of fifty-two genera of Carnivora to the Official List of Generic Names in Zoology)

A considerable number of family-group-name problems arises in this case. Proposals in regard to this matter are being submitted separately with Voting Paper V.P.(O.M.)(56)9.

OPINION 385 (specific names for the Common Garter Snake of the Eastern United States and for the Eastern Ribbon Snake of North America)

Opinion published on 20th April 1956; application published in Bull. zool. Nomencl. 2:67—68; the main decision on this case taken on Voting Paper V.P.(53)1; a supplementary decision taken on Voting Paper V.P.(O.M.)(55)8.

This Opinion is concerned only with specific-name problems.

OPINION 386 (Pyramidella Lamarck, 1799)

Opinion published 20th April 1956; application published in Bull. zool. Nomencl. 6:346—347; decision taken on Voting Paper V.P.(54)50.

A family-group name based upon the generic name *Pyramidella* Lamarck was published independently in 1840 by two authors, namely (i) PYRAMIDELLIDAE Gray (J.E.), 1840, *Syn. Contents Brit. Mus.* (ed. 42):148, and (ii) PYRAMIDELLIDAE d'Orbigny, [1840], *Voy. Amer. Merid.* 5 (3): 396. Gray's publication of this name is superior to that by d'Orbigny because he gave a proper diagnosis which d'Orbigny did not. Moreover, Gray's book, which is easily accessible, is known beyond question to have been published in 1840, while the date for the relevant portion of d'Orbigny's much scarcer book is an attributed date and the possibility that it was not actually published until 1841 cannot be altogether excluded. For these reasons the consultants recommend that this name be accepted as having been first published by Gray.

As regards the family-group name PLOTIIDAE based upon the generic name Plotia Röding, 1798, it should be noted that, as this generic name has been suppressed under the Plenary Powers, the family-group name based upon it has ipso facto been automatically suppressed also under the provisions of Declaration 20 (1955, Ops. Decls. int. Comm. zool. Nomencl. 10 (19): i—viii). In the present case there is also a different and prior reason why the name PLOTIIDAE as published by Forcart in 1951 is not acceptable as a name. Forcart in the paper in question was advocating the suppression of the name Plotia Röding in favour of Pyramidella Lamarck and in doing so observed—by way of showing the absurdity of accepting the name Plotia—that, if this course were to be adopted, it would be necessary to change the family name from PYRAMIDELLIDAE to PLOTIIDAE. The latter name, so published, was clearly not published with a view to its being used in zoological nomenclature (1953, Copenhagen Decisions zool. Nomencl.: 63, Decision 114).

Action called for :-

(a) To be placed on the Official List:

PYRAMIDELLIDAE Gray (J.E.), 1843 [reference as above] (type genus: *Pyramidella* Lamarck, 1779)

(b) To be placed on the Official Index:

PLOTIIDAE Forcart (L.), 1951, Berichtig. Arch. Moll. 80 (1/3): 86 (type genus: Plotia Röding, 1798) (invalid (i) because published for a purpose other than for use in Zoological nomenclature and (ii) under Declaration 20 because the name of type genus has been suppressed under the Plenary Powers).

OPINION 387 (Dasypeltis Wagler, 1830)

Opinion published 20th April 1956; application published in Bull. zool. Nomencl. 6: 347—348; decision taken on Voting Paper V.P. (54)51.

Name required to be placed on the Official List:

DASYPELTINAE Cope, 1886, Proc. amer. phil. Soc. 23:494 (type genus: Dasypeltis Wagler, 1830).

The name *Anodon* Smith, 1829, also dealt with in this *Opinion*, has not been taken as the base for a family-group name.

OPINION 388 (suppression of Trichopsylla Kolenati, 1863)

Opinion published 20th April 1956; application published in Bull. zool. Nomencl. 6:349—352; decision taken on Voting Paper V.P.(54)52.

No family-group-name problem arises in connection either (a) with the name *Trichopsylla* Kolenati, 1863, suppressed under the Plenary Powers in this *Opinion* or (b) with any of the following names, each of which was placed on the *Official List of Generic Names in Zoology* in this *Opinion*: *Chaetopsylla* Kohaut, 1903; *Malaraeus* Jordan, 1933; *Amalaraeus* Ioff, 1936.

OPINION 389 (two long-overlooked specific names for fleas)

Opinion published 20th April 1956, application published in Bull. zool. Nomencl. 6:353—354; decision taken on Voting Paper V.P.(54)53.

This Opinion is concerned exclusively with the status of certain specific names.

OPINION 390 (specific name *simus* Linnaeus, 1767, as published in the combination *Coluber simus*)

Application published in *Bull. zool. Nomencl.* **6**: 354—355; decision taken on Voting Paper V.P.(54)54.

This *Opinion* is concerned exclusively with the interpretation of a specific name.

OPINION 391 (Muensteroceras Hyatt, 1884)

Application published in *Bull. zool. Nomencl.* **6**: 356—357; decision taken on Voting Paper V.P.(54)55.

The generic name *Muensteroceras* Hyatt, 1884, has not been taken as the base for a family-group name.

OPINION 392 (Sandbergeroceras Hyatt, 1884)

Application published in *Bull. zool. Nomencl.* **6**: 357—358; decision taken on Voting Paper V.P.(54)56.

Name required to be placed on the Official List:

SANDBERGEROCERATINAE Miller (A.K.), 1938, Geol. Soc. Amer. Spec. Pap. 38: 24, 178 (type genus: Sandbergeroceras Hyatt, 1884)

OPINION 393 (Mellita Agassiz, 1841)

Application published in *Bull. zool. Nomencl.* **6**:359—360; decision taken on Voting Paper V.P.(54)57.

Name required to be placed on the Official List:

MELLITINAE Stefanini, 1911, Boll. Soc. geol. ital. 30:749 (type genus: Mellita Agassiz (J.L.R.), 1841)

OPINION 394 (Portunus Weber, 1795; Macropipus Prestandrea, 1833)

Application published in *Bull. zool. Nomencl.* **9**: 122—127; decision taken on V.P.(54)60 and on the supplementary Voting Paper V.P.(O.M.) (54)25.

The family-group-name problems involved were dealt with by the Commission in the Ruling given in this *Opinion*.

OPINION 395 (specific name *flavipes* Olivier, 1795, as published in the combination *Dytiscus flavipes*)

Application published in *Bull. zool. Nomencl.* 9:128—130; decision taken on Voting Paper V.P.(54)61.

This Opinion is concerned exclusively with specific-name problems.

OPINION 396 (Drosophila immigrans Sturtevant, 1921)

Application published in *Bull. zool. Nomencl.* 9:161—162; decision taken on Voting Paper V.P.(55)1.

This Opinion is concerned exclusively with specific-name problems.

OPINION 397 (Hyalopterus Koch, 1854)

Application published in *Bull. zool. Nomencl.* 9:163—165; decision taken on Voting Paper V.P.(54)87.

The generic name *Hyalopterus* Koch, 1854, was taken as the base for the name of a sub-tribe HYALOPTERII by Oestlund in 1920 (*Contrib. Knowl. Group Aphidina, Fam. Aphididae*: 69). This name has not been used by subsequent authors and was later abandoned by Oestlund himself. It is not proposed that it should be placed on the *Official List*.

OPINION 398 (pini Linnaeus, 1758, as published in the combination Aphis pini)

Application published in *Bull. zool. Nomencl.* 9:166—173; decision taken on Voting Paper V.P.(54)88.

This Opinion is concerned exclusively with specific-name problems.

OPINION 399 (Lachnus Burmeister, 1835; Cinara Curtis, 1835)

Application published in *Bull. zool. Nomencl.* 9: 174—183, 184—187; decision taken on Voting Paper V.P.(54)89.

The following names require to be placed on the Official List:—

- (a) LACHNINAE Passerini, 1863, Aphididae Ital.: [7] (type genus: Lachnus Burmeister, 1835)
- (b) CINARINI Börner, 1930, Arch. klass. phyl. Entom. 1:125 (type genus: Cinara Curtis, 1835)

OPINION 400 (Melanargia Meigen, 1828)

Application published in *Bull. zool. Nomencl.* 9:221—222; decision taken on Voting Paper V.P.(54)94.

The following action is required:-

(i) To be placed on the Official List:

MELANARGIINAE Verity, 1920, Boll. Lab. ziol. Portici 14:56 (type genus: Melanargia Meigen, 1828)

(ii) To be placed on the Official Index:

AGAPETINAE Verity, 1953, Farf. diurn. Ital. 5:3, 46 (type genus: Agapetes Billberg, 1820) (invalid (a) because a junior objective synonym of MELANARGIINAE Verity, 1920, the respective type genera of these taxa having the same nominal species as type species and (b) under Declaration 20 because the name of the type genus has been suppressed under the Plenary Powers).

2. Registration of the present application: Upon the receipt of Mr. Hemming's paper containing proposals concerted with specialists in the groups concerned for dealing with the family-group-name implications involved in the cases dealt with in the *Opinions* comprised in Volume 12 of the *Opinions and Declarations* Series, the question so submitted was allotted the Registered Number Z.N.(S.) 1113.

II.—THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

3. Issue of Voting Paper V.P.(O.M.)(56)10: On 16th May 1956 a Voting Paper (V.P.(O.M.)(56)10) was issued in which each Member of the Commission was asked (1) to state whether he agreed "that, in conformity with the General Directive relating

to the recording on the various Official Lists and Official Indexes issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, and with the General Directive supplementary thereto on the subject of family-group names issued to the Commission by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the entries relating to the family-group names involved in the cases dealt with in Opinions 380-400, being the Opinions included in volume 12 of the work Opinions and Declarations as recommended in the annexe to the paper numbered Z.N.(S.) 1113, submitted by the Secretary simultaneously with the present Voting Paper [i.e. in the annexe of the application reproduced in the first paragraph of the present Direction, should be made in the Official List and Official Index for the names of taxa belonging to the familygroup, as there proposed " and (2), if he did not agree as regards any given item, to indicate that item.

- **4.** The Prescribed Voting Period: As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 16th June 1956.
- 5. Particulars of the Voting on Voting Paper V.P.(O.M.)(56)10: At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(56)10 was as follows:—
 - (a) Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received):

Holthuis; Stoll; Vokes; Mayr; Bonnet; Bodenheimer; Dymond; Hering; do Amaral; Mertens; Lemche; Key; Miller; Esaki; Riley; Bradley (J.C.); Hemming; Kühnelt; Tortonese; Sylvester-Bradley; Boschma; Prantl; Jaczewski; Hankó;

(b) Negative Votes:

None:

(c) Voting Papers not returned, one (1):

Cabrera.

- 6. Declaration of Result of Vote: On 17th June 1956, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.) (56)10, signed a Certificate that the Votes cast were as set out in paragraph 5 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.
- 7. Preparation of the ruling given in the present "Direction": On 20th June 1956 Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(56)10.
- 8. Original References: The original references for the names placed respectively on the Official List of Family-Group Names in Zoology and on the Official Index of Rejected and Invalid Family-Group Names in Zoology by the Ruling given in the present Direction are set out in the Annexe to the present application (paragraph 1 above).
- 9. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.
- 10. The present *Direction* shall be known as *Direction* Fifty-Four (54) of the International Commission on Zoological Nomenclature.

DONE in London, this Twentieth day of June, Nineteen Hundred and Fifty-Six.

Secretary to the International Commission on Zoological Nomenclature

FRANCIS HEMMING